

CLAIMS

1. An isolated polypeptide contained within the sequence of SEQ ID NO:3, having at least 8 to 24 contiguous amino acids of the protein sequence of SEQ ID NO: 6, wherein said polypeptide has the biological activity of a Pep714 peptide.
2. The isolated polypeptide of claim 1, wherein said polypeptide comprises the protein sequence of SEQ ID NO: 6.
3. A method of making a Pep714-related peptide, said method comprising the steps of:
 - i) providing a population of host cells capable of expressing the polypeptide of claim 1 or 2;
 - ii) culturing said population of host cells under conditions conducive to the expression of said polypeptide;
 - iii) isolating said polypeptide.
4. A Pep714-related peptide antibody that selectively binds to the polypeptide of claim 1.
5. A method of binding an antibody to a protein comprising the steps of:
 - i) contacting an anti-Pep714-related peptide antibody that selectively binds to the polypeptide of claim 1 with the polypeptide of claim 1; and
 - ii) removing nonbinding contaminants.
6. A composition comprising the polypeptide according to claim 1, further comprising a carrier or diluent.
7. The pharmaceutical composition according to claim 6, wherein said polypeptide is present at an antimicrobially effective amount.
8. The pharmaceutical composition of claim 6, wherein said polypeptide is present at an antivirally effective amount.

9. A method for reducing microbial concentration, comprising the step of administering the composition of claim 6 or 7 to an individual.
10. A method of reducing viral infection, comprising the step of administering the composition of claim 6 or 8 to an individual.
11. The method of claim 9 or 10, wherein said composition is administered by injection.
12. A method of inhibiting viral propagation, comprising the step of treating a material or fluid with the polypeptide of claim 1.
13. A method of inhibiting microbial propagation, comprising the step of treating a material or fluid with the polypeptide of claim 1.